

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/574,747
Source: IEWP
Date Processed by STIC: 05/04/2006

ENTERED



IFWP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/574,747

DATE: 05/04/2006

TIME: 14:05:15

Input Set : A:\0002838USU sequence listing.txt
 Output Set: N:\CRF4\05042006\J574747.raw

1 <110> APPLICANT: Korea Research Institute of Bioscience and Biotechnology
 3 <120> TITLE OF INVENTION: Cattle beta-casein gene targeting vector using homologous
 4 recombination
 C--> 6 <140> CURRENT APPLICATION NUMBER: US/10/574,747
 C--> 6 <141> CURRENT FILING DATE: 2006-04-06
 W--> 0 <130> FILE REFERENCE:
 6 <150> PRIOR APPLICATION NUMBER: PCT/KR2004003034
 7 <151> PRIOR FILING DATE: 2004-11-23
 9 <160> NUMBER OF SEQ ID NOS: 9
 11 <170> SOFTWARE: KcpatentIn 1.71
 13 <210> SEQ ID NO: 1
 14 <211> LENGTH: 31
 15 <212> TYPE: DNA
 16 <213> ORGANISM: Artificial Sequence
 18 <220> FEATURE:
 19 <223> OTHER INFORMATION: primer for bovine casein gene amplification
 22 <400> SEQUENCE: 1
 23 attcagtcga gtggaacata aactttcagc c 31
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 27 <211> LENGTH: 31
 28 <212> TYPE: DNA
 29 <213> ORGANISM: Artificial Sequence
 31 <220> FEATURE:
 32 <223> OTHER INFORMATION: primer for bovine casein gene amplification
 35 <400> SEQUENCE: 2
 36 catatgtcga ctgtgagatt gtatttgac t 31
 39 <210> SEQ ID NO: 3
 40 <211> LENGTH: 24
 41 <212> TYPE: DNA
 42 <213> ORGANISM: Artificial Sequence
 48 <220> FEATURE:
 49 <223> OTHER INFORMATION: primer for hTPO amplification
 52 <400> SEQUENCE: 3
 53 ggagctgact gaattgctcc tcgt 24
 56 <210> SEQ ID NO: 4
 57 <211> LENGTH: 24
 58 <212> TYPE: DNA
 59 <213> ORGANISM: Artificial Sequence
 61 <220> FEATURE:
 62 <223> OTHER INFORMATION: primer for hTPO amplification
 65 <400> SEQUENCE: 4
 66 cctgacgcag aggggtggacc ctcc 24
 69 <210> SEQ ID NO: 5

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/574,747

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Input Set : A:\0002838USU sequence listing.txt
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70 <211> LENGTH: 23
71 <212> TYPE: DNA
72 <213> ORGANISM: Artificial Sequence
74 <220> FEATURE:
75 <223> OTHER INFORMATION: primer for identification gene targeting
78 <400> SEQUENCE: 5
79 ccacacaggc atagagtgtc tgc 23
82 <210> SEQ ID NO: 6
83 <211> LENGTH: 22
84 <212> TYPE: DNA
85 <213> ORGANISM: Artificial Sequence
87 <220> FEATURE:
88 <223> OTHER INFORMATION: primer for identification gene targeting
91 <400> SEQUENCE: 6
92 ccacagaatt gactgcgact gg 22
95 <210> SEQ ID NO: 7
96 <211> LENGTH: 24
97 <212> TYPE: DNA
98 <213> ORGANISM: Artificial Sequence
100 <220> FEATURE:
101 <223> OTHER INFORMATION: primer for nested PCR
104 <400> SEQUENCE: 7
105 gagacggacc tgtccagaaa gctg 24
108 <210> SEQ ID NO: 8
109 <211> LENGTH: 29
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: primer for identification gene targeting
117 <400> SEQUENCE: 8
118 ttcactgcat tctagttgtg gtttgc 29
121 <210> SEQ ID NO: 9
122 <211> LENGTH: 25
123 <212> TYPE: DNA
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: primer for identification gene targeting
130 <400> SEQUENCE: 9
131 tctaggacca aacatcggt tactt 25

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/574,747

DATE: 05/04/2006

TIME: 14:05:16

Input Set : A:\0002838USU sequence listing.txt

Output Set: N:\CRF4\05042006\J574747.raw

L:6 M:270 C: Current Application Number differs, Replaced Current Application No

L:6 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:0 M:201 W: Mandatory field data missing, <130> FILE REFERENCE